

Converting Colors

Hex(0F2D33)

Have a look what the booklet for
Hex(0F2D33) contains.

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Color

Hex(0F2D33)

Conversions

Conversions Part 1

Format	Color
Hex	0F2D33
RGB	15, 45, 51
RGB Percent	6%, 18%, 20%
CMY	0.9412, 0.8235, 0.8000
CMYK	0.71, 0.12, 0.00, 0.80
HSL	190°, 55%, 13%
HSV	190°, 71%, 20%
XYZ	1.7329, 2.2173, 3.4686
YIQ	36.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

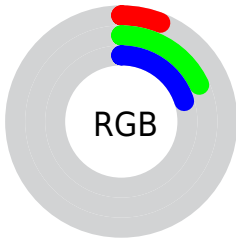
Format	Color
RYB	15, 31, 51
Decimal	994611
CIELab	16.59, -8.87, -7.21
CIELCh	17, 11.433, 219.116
Yxy	2.2173, 0.2336, 0.2989
Android (android.graphics.Color)	4279184691 (0xFF0F2D33)
YUV	36.7140, 7.0430, -19.0432
Hunter-Lab	14.8908, -5.2857, -3.3874

Details

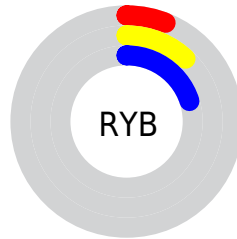
The Hex color **0F2D33** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33150F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3E5B61**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **0A2C33**, and if you desaturate by 10%, it is **142E33**.

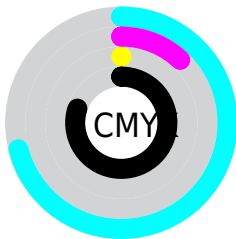
Distribution



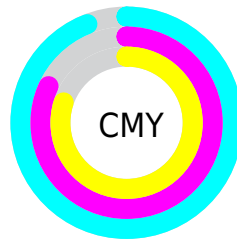
- Red (6%)
- Green (18%)
- Blue (20%)



- Red (6%)
- Yellow (12%)
- Blue (20%)



- Cyan (71%)
- Magenta (12%)
- Yellow (0%)
- Black (80%)



- Cyan (94%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2D33 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0F2D33 by changing the saturation by 10% instead.

0F2D33

0F2D33

F7FFFF

00191E

3E5B61

000003

56737A

000000

6F8D94

89A7AE

A3C2CA

BFDEE6

DBFBFF

0F2D33

0F2D33

■ 0A2C33

■ 142E33

■ 052B33

■ 192F33

■ 002A33

■ 1E3033

■ 233033

■ 293133

■ 2E3233

■ 333333

■ 383433

■ 3D3533

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



112E2B



0F2D33



162B38

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F2D33



35242F



2C2919

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0F2D33



33150F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34271A



0F2D33



392327

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0F2D33



2D2636



38241F



232C1C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0F2D33



1E2A39



38241F



2F2819

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0F2D33



344042



0F3315



192021



A1A1A1



212121

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0F2D33



0A3942



0F1B33



17191A



004A59



00B5D9

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



330F2D



420A39



33270F



1A1719



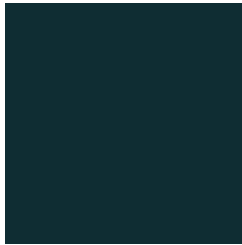
59004A



D900B5

Previews

White Background



This preview shows how the Hex color 0F2D33 looks on a white background.

Color Contrast Check

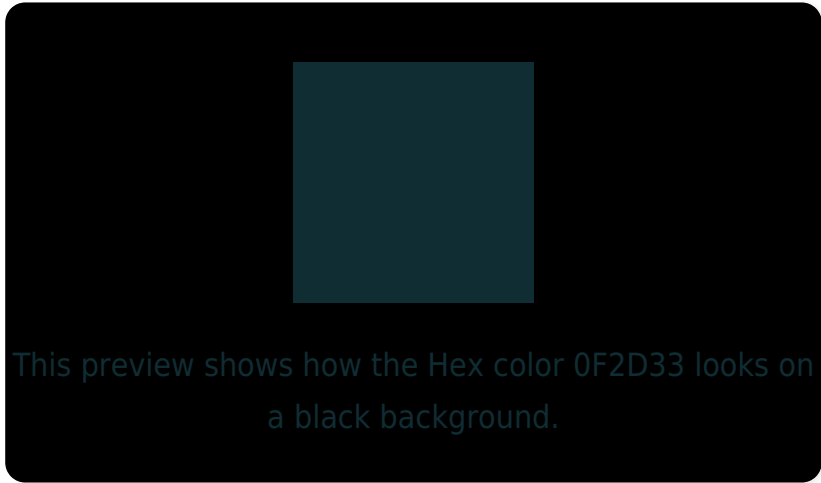
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

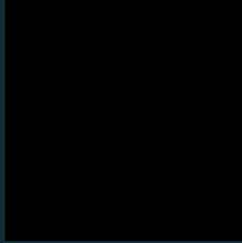
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0F2D33 Background



This preview shows how black text looks on a background with the Hex color 0F2D33.

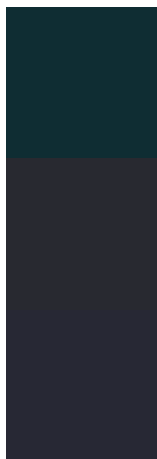


This preview shows how white text looks on a background with the Hex color 0F2D33.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0F2D33

Protanopia
282930

Deuteranopia
272834



Tritanopia
0E2D31

Trichromacy



Original Color
0F2D33

Protanomaly
1F2A31

Deuteranomaly
1E2A34

Tritanomaly
0E2D32

Monochromacy



Original Color
0F2D33

Achromatopsia
252525

Achromatomaly
1D282A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2D33 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0F2D33 looks like.

```
.text, #text, p{  
    color:#0F2D33  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0F2D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2D33
}
```

Border

The CSS property to change the border of an element to Hex 0F2D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

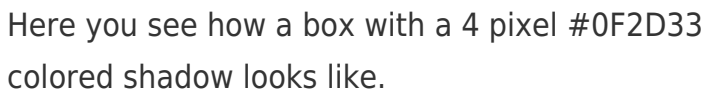
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F2D33 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0F2D33 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #0F2D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2D33; -webkit-box-shadow:4px 4px  
4px 4px #0F2D33; box-shadow:4px 4px 4px  
4px #0F2D33 }
```

Background

The CSS property to change the background color of an element to Hex 0F2D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2D33 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0F2D33 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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